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Compliance Statement (JORC 2012 and NI 43-101)

The technical information in this release relating to the exploration results and forward program at the Woodlawn Project is based on information compiled by Mr David von Perger, who is a Member of the Australian Institute of Mining and Metallurgy (Chartered Professional – Geology). Mr von Perger is a full time employee of Heron Resources Limited and has sufficient experience, which is relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the JORC Code (2012 edition) and "qualified person" as this term is defined in Canadian National Instrument 43-101 ("NI 43-101"). Mr von Perger has reviewed and approved the technical information this presentation.

An Exploration Target is term used within the JORC 2012 Code for an estimate of the exploration potential of a mineral deposit. As used in this release the stated exploration target is based upon the parameters described in the text, however the potential quantity and grade is conceptual in nature and there is insufficient information to estimate a Mineral Resource and it remains uncertain if further exploration will result in the estimation of a Mineral Resource in this area of recent drilling.

The zinc equivalent ZnEq calculation takes into account, mining costs, milling costs, recoveries, payability (including transport and refining charges) and metal prices in generating a Zinc equivalent value for Au, Ag, Cu, Pb and Zn. ZnEq = Zn%+Cu%*3.12+Pb%*0.81+*Au g/t*0.86+Ag g/t*0.03. Metal prices used in the calculation are: Zn US\$2,300t, Pb US\$ 2,050t, Cu US\$6,600t, Au US\$1,250/oz and Ag US\$18/oz. These metal prices are based on Heron's long term view on average metal prices. It is Heron's view that all the metals within this formula are expected to be recovered and sold. Metallurgical metal recoveries used for the formula are: 88% Zn, 70% Pb, 70% Cu, 33% Au and 82% Ag; these are based on historical recoveries at Woodlawn and supported by metallurgical testwork undertaken during the 2015-16 feasibility study.



2 August 2018 ASX:HRR

HERON RESOURCES INVESTMENT PROPOSITION

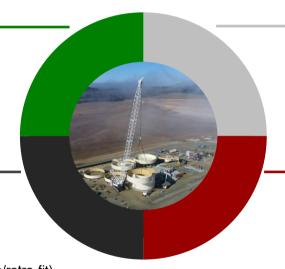
ASX:HRR

MARKET - ZINC

- Supply / demand fundamentals support price strength
- Woodlawn production timed to meet tight physical market
- Positive outlook for Cu & Pb

ASSET - WOODLAWN PROJECT

- High quality deposit
- · Compelling 'starter' business case
- Av. EDITDA +A\$100M pa*
- New 'state of the art' process plant (no refurb/retro-fit)
- Favourable jurisdiction & excellent infrastructure
- · Project life extensions resource upgrades & demonstrated discovery



FINANCED - FOR DEVELOPMENT

- A\$240M full funding package
- Three supportive cornerstone investors

FOCUS - EXCLUSIVELY WOODLAWN

- Construction underway 68% COMPLETE
- First product shipment Q1 2019
- Growth through strong regional position



HERON OVERVIEW



CAPITAL STRUCTURE

ASX listing: ASX: HRR

Shares: 242 million

Opts/Perf Rights: 6.7million

Share Price: A\$0.62

Market Cap: A\$150 million

Cash:

A\$65 million (30Jun 2018) (unrestricted)

Debt: US\$20M of US\$60M

drawn

Listed Investments: Ardea Resources

> Alchemy Resources Centennial Mining



BOARD

Chairman Stephen Dennis

MD & CEO Wayne Taylor

Non-Executive Director Borden Putnam III

Non-Executive Director Figure Robertson

Non-Executive Director Mark Sawyer

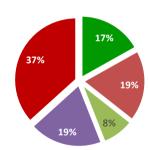
Non-Executive Director Peter Rozenauers

Non-Executive Director Ricardo De Armas

Non-Executive Director Ian Pattison



SHARE REGISTER



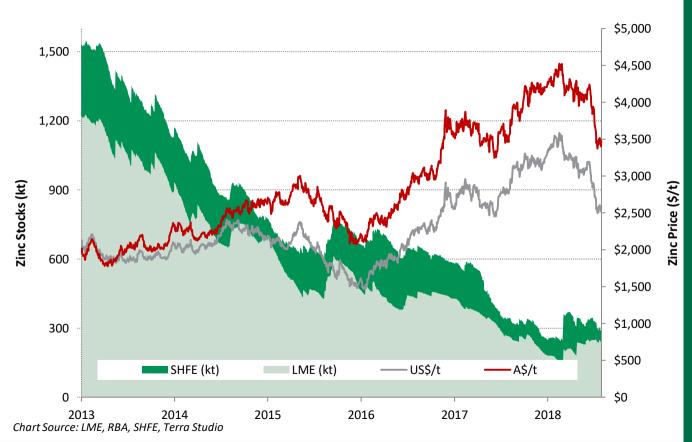
- Orion
- Greenstone
- Greenstone Aff
- Castlelake
- Australian Register



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MARKET ZINC FUNDAMENTALS

Zinc makes up 52% of Woodlawn's revenue



Market Drivers

(a current snapshot)

A Supply Side Story

- Aging production base
- Project pipeline lacking incentive (price driven)
- Producer discipline

Demand growth

Steady consumption growth (galvanising)

= MARKET IMBALANCE

- Contracting stocks
- Price support (noting recent volatility)
- Low treatment charges

MARKET ZINC - Where to from here?

The case for future price support

Market Suppliers:

Current base load production Some 'incentivised restarts' BUT only a handful of 'new' projects Dropping head grades for existing and added projects Difficulty in securing project finance for greenfield investment Same 'old' assets just 'older'
First movers taking path of least resistance
Cost base support for higher prices
Current volatility means its going to get harder

Market Demand:

Steady consumption growth - drivers include infrastructure, consumer products, vehicles

Medium to Long Term – price stability and strength required to incentivise new projects to match demand

MARKET COPPER + LEAD

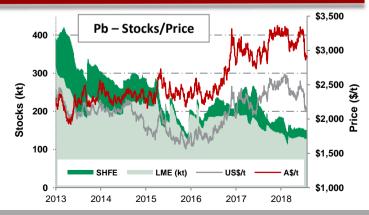
Cu 23% & Pb 15% of Woodlawn Revenue

Copper - Balanced market with strong demand growth

- Significant supply deficit forecast for 2019*

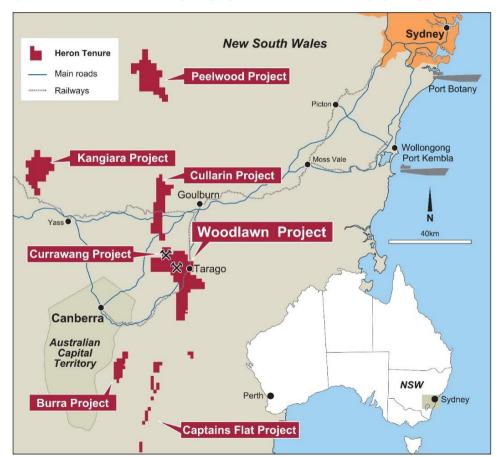
Lead - Supply deficit

- Falling stocks



* ICSG 20 July 2018

WOODLAWN ZINC-COPPER PROJECT



Premier Location



ASSET WOODLAWN ZINC-COPPER PROJECT

Unrivalled infrastructure



Feasibility Review

(Feasibility Study - June 2016)

1.5Mtpa Production Rate

9.3yr LOM (Reserves only)

· Significant Resource upside

Reserves

- UG 2.8Mt @ 14% ZnEq¹
- Reprocessing 9.5Mt @ 6% ZnEq

Steady State Gross Production

- 40ktpa Zn (88Mlbs)
- 10ktpa Cu (20Mlbs)
- 12ktpa Pb (25Mlbs)
- + Ag / + Au

Financials (at spot 2 Aug 2018)

- Av. EBITDA +A\$100M pa
- C1 US\$0.51/lb ZnEq

US\$0.04/lb Zn (post by-products)

¹ Refer to Slide 2 for definition

FOCUS WOODLAWN EPC

Construction on track and within budget



Project Delivery

Contractor: Sedgman

EPC: Guaranteed Maximum Price

Personnel: 150+ FTE (current)

250 (peak)

Site Progress (end July):

• Earthworks - Done

Detailed Design – 96%

• Concrete – 97%

• Equip Purchase – 96%

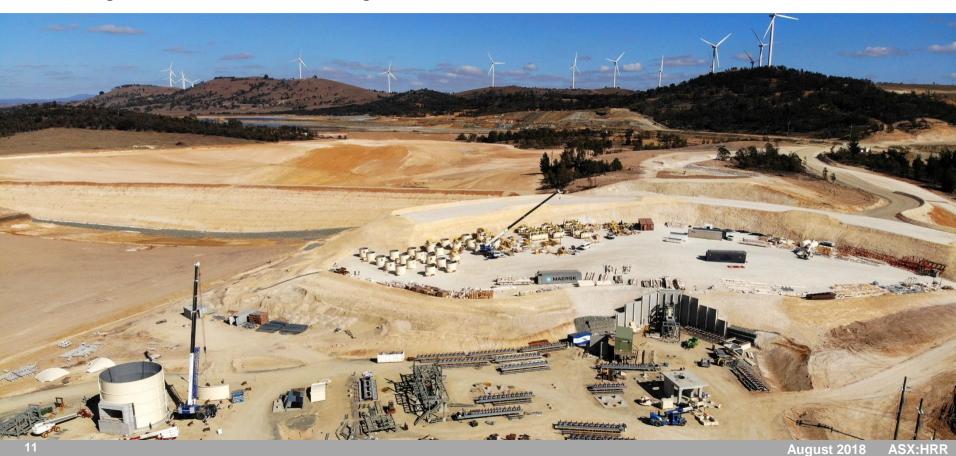
Off Site Fabrication – 78%

OVERALL COMPLETION 68%

Site Progress



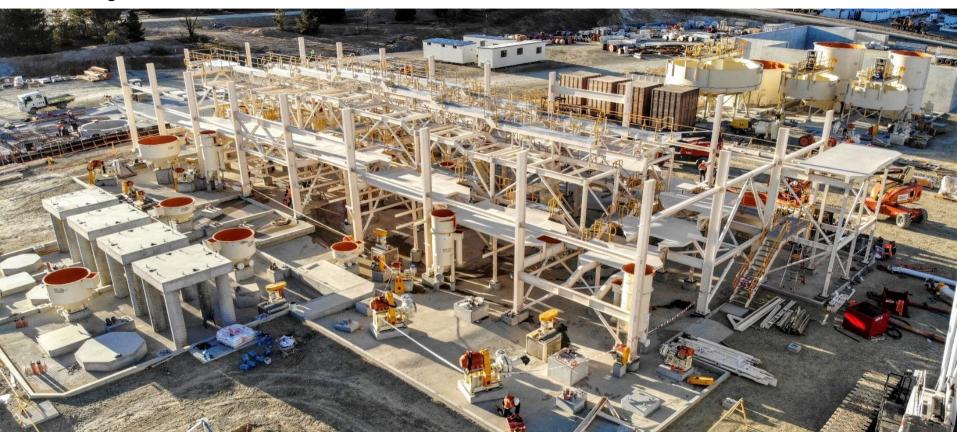
Site Progress - ROM Pad, TSF4 & Crushing



Site Progress - Grinding



Site Progress - Flotation



Site Progress – Concentrate Handling



Site Progress – Administration Facilities



FOCUS WOODLAWN OPERATIONAL READINESS

Building strong foundations



Current Activities

UG Mining Contract Awarded

Tails Mining Contract Awarded

Port Contract Awarded

Haulage Logistics Awarded

Power Contract Awarded

Water Treatment Awarded

Concentrate Containers Awarded

Process Reagents Awarding

Ops Team Mgmt 100%

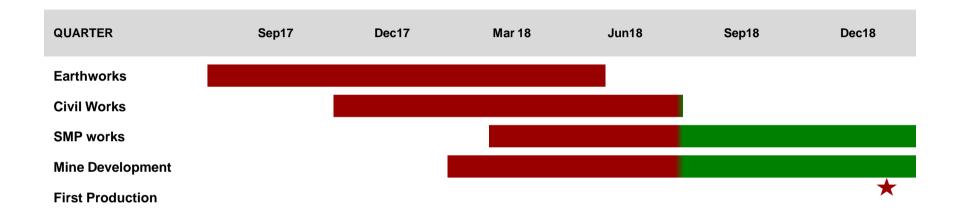
Superintendents 100%

Staff 44%

Ops & Maint commenced

FOCUS WOODLAWN DELIVERY SCHEDULE

Expedited project schedule

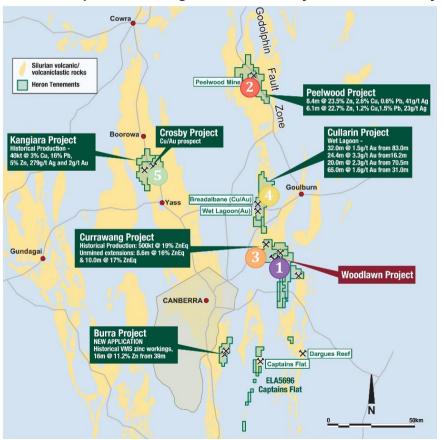


Project currently +68% complete as at 31 July 2018
Targeting first production end 2018 / early 2019



GROWTH WOODLAWN EXPLORATION STRATEGY

Value Multiplier – building the business beyond the Feasibility Study 'Starter Case'



Prioritised Organic Growth

1 In Mine Exploration

Advancing Inferred Resources

UG
 2.6Mt @ 15% ZnEq

Tailings1.1Mt @ 5.8% ZnEq

Shallow extensions – G, G2, Lisa, D lenses

Adjacent trends & step out targets

Deeper extensions – all 12 lenses

Near Mine (Regional) Exploration

Historical satellite production sources

Advanced regional deposits

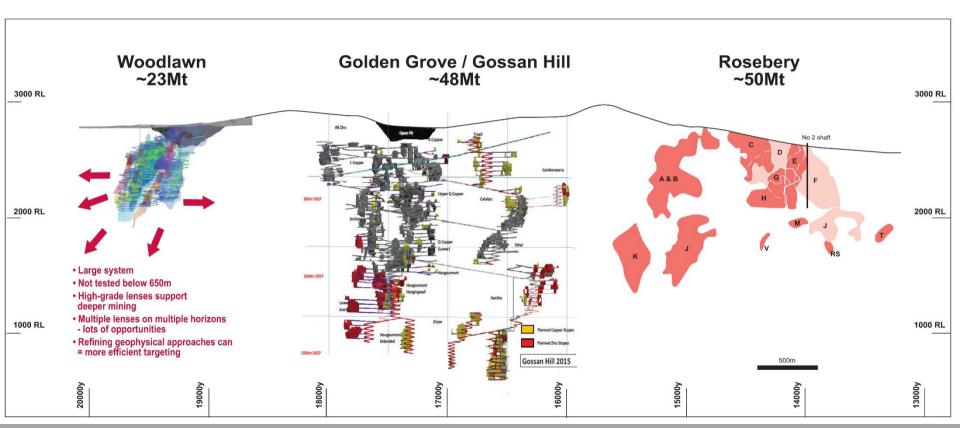
Regional prospects

Commanding land tenure position

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18 August 2018 ASX:HRR

Limited Testing - Comparison with more extensively tested VMS deposits



Multiple drilling programs - high grades across multiple massive sulphide lenses

Kate Lens Polymetallic 52% ZnEq

2014

33% ZnEq 2015

31% Zn, 2.0% Cu, 14% Pb, 0.54g/t Au, 96g/t Ag 20% Zn, 3.1% Cu, 1.2% Pb, 0.9g/t Au, 51g/t Ag WNDD0007: 425 – 426m WNDD0031: 385 85-386 50m

Kate Lens Polymetallic Kate Lens Copper 33% ZnEq 30% ZnEq



9.1% Cu, 0.87g/t Au, 26g/t Ag WNDD0071: 383-384m

B Lens Extension 26% ZnEq



12% Zn, 0.5% Cu, 7.6% Pb, 1.0g/t Au, 169g/t Ag WNDD0108: 552.17-553.06m

G2 Mass Polymetallic 54% ZnEq



23% Zn, 6% Cu, 14% Pb, 0.11g/t Au, 52g/t Ag WNDD0114: 150.65-151.65

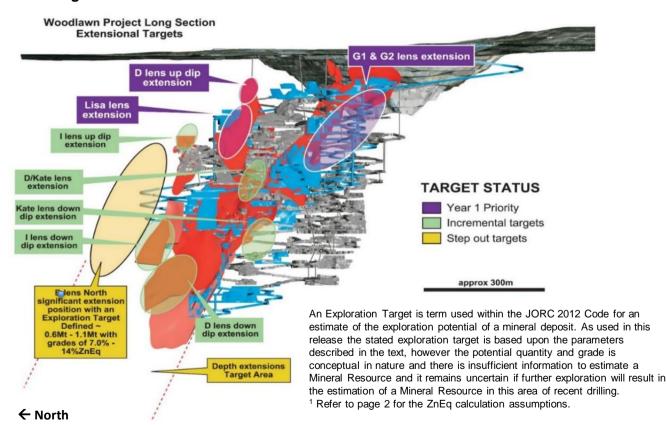
G2 Mass Polymetallic 45% ZnEq



35% Zn, 0.8% Cu, 2.2% Pb, 2.2g/t Au, 114g/t Ag WNDD0138: 124.04-125.13

20

Targeted additions to the Mine Plan



Immediate Value-Add

Significant untapped potential remains 'inmine'

14 Massive Sulphide Lenses

Numerous extensional positions

New lens discovery potential remains (since 2013 - Kate, Lisa, B Nth, G2)

Majority supported by existing planned capital development

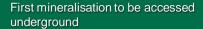
2017/2018 Focus - G2 & Lisa

- Shallow
- Early production sources

Mine Plan - Integrated drill testing program

G2 Main Lens – early stage mine plan addition

Immediate Value-Add



Returned high grade results from G2 & G2 H/W

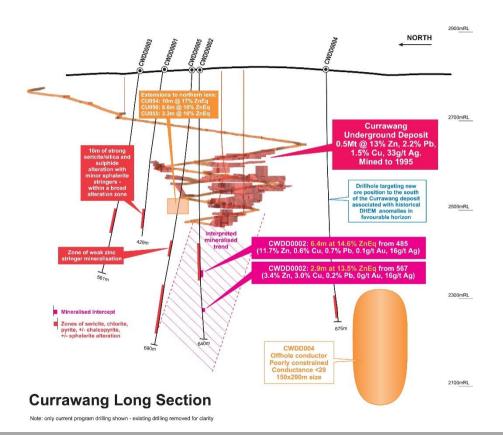
As built Box Cut



ASX:HRR August 2018

GROWTH CURRAWANG

Success with the first exploration program in 20 years



Regional Priority

10km NW of Woodlawn

Mined 1992-1996:

0.5Mt @ 13% Zn, 1.5% Cu, 2.2% Pb, 33g/t Ag

Unmined extensions:

- 8.6m @ 16% ZnEq
- 10.0m @ 17% Zn Ea

2017 – Completed 5 hole drilling program

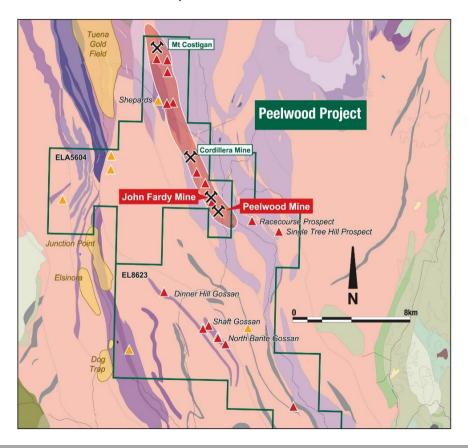
Intercepted semi-massive zinc and copper sulphides:

- 6.4m @ 14.6% ZnEg from 485m (11.7% Zn, 0.6% Cu, 0.7% Pb, 0.1g/t Au, 16g/t Ag)
- 2.9m @ 13.5% ZnEg from 567m (3.4% Zn, 3.0% Cu, 0.2% Pb, 16g/t Ag)



GROWTH PEELWOOD

Advanced VMS deposits



LEGEND

Base Metal Mine (Red callout -prospects with JORC(2004) Mineral Resources)

Base-metal prospects

Gold prospects

Base-metal 'camps'

Heron Tenements

Gold 'camps'

Devonian

- Cunningham Formation, Slaty siltstone with minor shale and sandstone
- Bushranger Volcanics, Porphyritic andesite
- Cooks Vale Granite, Muscovite-biotite granite

Silurian

- Cuddyong Formation, Sandstone, siltstone and shales with rhyolitic to dacitic volcaniclastic rocks and lavas
- Cuddyong Formation, Rhyolitic to dacitic, volcanic sandstone and lava
- Cuddyong Formation, Quartzose sandstone with interbedded, grey to black siltstone
- Cuddyong Formation, Black, siliceous, carbonaceous, and pyritic siltstone and shale
- Kangaloolah Volcanics, Rhyolitic, volcanic sandstone and breccia with some tuffaceous shales
- Wrens Nest Trachyte, Porphyritic quartz trachyte to rhyolite
- Limestone which locally contains crinoid ossicles

Regional Priority

105km north of Woodlawn

New ELA5604 - VMS camp coverage

John Fardy & Peelwood Mines – a 'forgotten' asset

High grade VMS drill results:

8.4m from 36m (JF16) (23.5% Zn, 2.6% Cu, 0.6% Pb, 41g/t Ag)

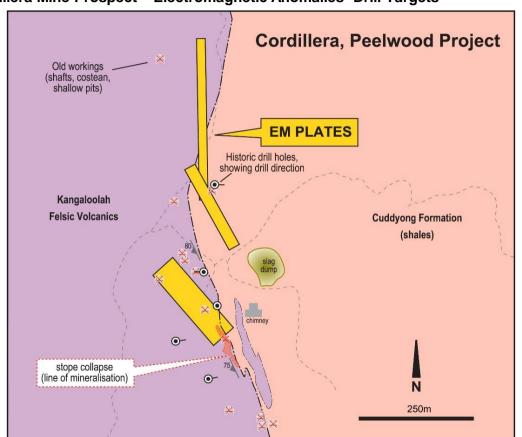
6.1m from 45m (JF38) (22.7% Zn, 1.2% Cu, 1.5% Pb, 23a/t Aa)

Previously defined resources, reserves and project studies – Balamara 2009



GROWTH PEELWOOD

Cordillera Mine Prospect – Electromagnetic Anomalies Drill Targets



Regional Priority

Historic mine site

4km north - west of Peelwood

Grab sample from mine dumps of fresh massive sulphide by Heron returned:

16%Zn, 25%Pb and 497g/t Ag

2014 airborne EM survey -

- EM anomalies extending to the north
- Previous drilling has not tested

Finalising land access and drilling preliminaries - drilling Q3



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WOODLAWN Mineral Resources and Ore Reserves - Underground

Woodlawn Total Underground Mineral Resource 2017 (ASX Release 13 Nov 2017) (7% ZnEq cog for Polymetallic and 1% Cu cog for Copper)

Indicated + Measured Mineral Resor	irce	Resour	Res	eral	Mine	asured	Me	+	ted	Indicat	
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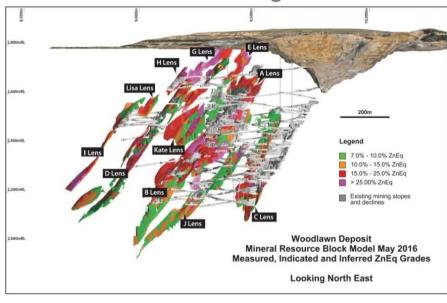
Total	Combined	Ind+Mea	4.6	16.7	6.7	1.9	2.4	0.5	52
All Lenses	Copper	Ind+Mea	1.9	9.7	0.7	2.6	0.1	0.2	14
All Lenses	Polymetallic	Ind+Mea	2.7	21.6	10.9	1.5	4.0	0.7	79
			Tonnes Mt	ZnEq %	Zn %	Cu %	Pb %	Au g/t	Ag g/t

Inferred Mineral Resource

			Tonnes Mt	ZnEq %	Zn %	Cu %	Pb %	Au g/t	Ag g/t
All Lenses	Polymetallic	Inf	1.9	16.9	7.3	1.5	3.0	8.0	61
All Lenses	Copper	Inf	0.7	9.2	0.7	2.5	0.1	0.2	12
Total	Combined	Inf	2.6	14.9	5.6	1.8	2.2	0.6	48

Total Mineral Resource

Total	Combined	Ind+Mea+Inf	7.2	16.0	6.3	1.9	2.3	0.5	50.6
All Lenses	Copper	Ind+Mea+Inf	2.6	9.6	0.7	2.6	0.1	0.2	13.5
All Lenses	Polymetallic	Ind+Mea+Inf	4.6	19.7	9.4	1.5	3.6	0.7	71.6
			Tonnes Mt	ZnEq %	Zn %	Cu %	Pb %	Au g/t	Ag g/t



Woodlawn Underground Mineral Reserve Estimate 2016

Туре	Reserve Category	Quantity (Mt)	ZnEq(%)	Zn(%)	Cu(%)	Pb(%)	Au(g/t)	Ag(g/t)
Polymetallic	Proven	0						
Polymetallic	Probable	1.8	16	8.1	1.2	2.9	0.56	57
Copper	Proven	0						
Copper	Probable	0.96	8.8	0.61	2.4	0.13	0.23	14
Total	Probable	2.8	14	5.5	1.6	1.9	0.45	42



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Mineral Resources and Ore Reserves - Tailings

Mineral Resource Estimate - Woodlawn Retreatment Project (2016)

Resource Category	Quantity (Mt)	ZnEq (%)	Zn (%)	Cu (%)	Pb (%)	Au (g/t)	Ag (g/t)
Measured	d + Indicated I	Mineral Resour	ces				
North Dam	2.7	6.0	2.40	0.42	1.30	0.27	34
South Dam	3.3	6.0	2.50	0.46	1.20	0.25	27
West Dam	3.8	6.5	2.0	0.62	1.40	0.40	35
Total Mea+ Ind	9.8	6.2	2.30	0.51	1.3	0.31	32
Inferred I	Mineral Resou	rces					
North Dam	0.2	6.2	2.40	0.42	1.30	0.27	34
South Dam	0.9	5.6	2.30	0.48	1.20	0.25	24
West Dam	0.0	-	-	-	-	-	-
Total Inferred	1.1	5.8	2.30	0.47	1.20	0.25	27
Total Mea+Ind+Inf	10.9	6.2	2.30	0.51	1.29	0.30	32

Woodlawn Tailings Mineral Reserve Estimate 2016

Reported with no cut-off grade applied

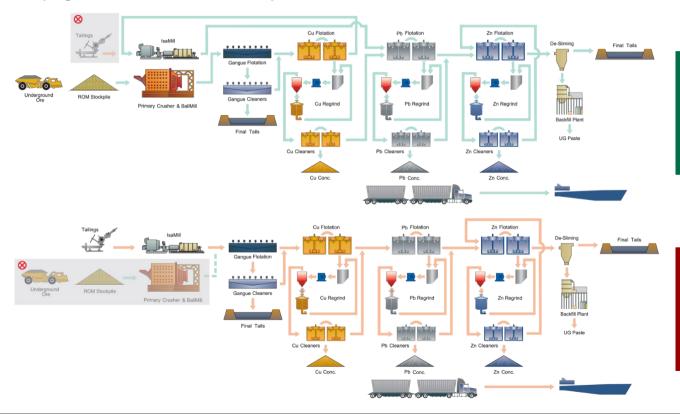
Reserve Category	Quantity (Mt)	ZnEq(%)	Zn(%)	Cu(%)	Pb(%)	Au(g/t)	Ag(g/t)
Proven	6.4	6.0	2.2	0.5	1.3	0.29	31
Probable	3.2	6.0	2.1	0.5	1.3	0.33	32
Total (Proven + Probable)	9.5	6.0	2.2	0.5	1.3	0.31	31





WOODLAWN PROCESS PLANT

Campaign treatment from two de-coupled ore sources



Underground Ore Configuration ←

Reclaimed Tailings Ore Configuration ←

